



青岛华恒助剂厂

QINGDAO HUAHENG AGENTS SUBSIDIARY FACTORY

Technical Data Sheet

Chemical Name: N,N'-Bis(methylphenyl)-1,4-benzenediamine (mixture)

Trade Name: Antioxidant DTPD (3100)

CAS NO: 68953-84-4

Specification:

Item	Specification
Appearance	Brownish grey pastille
Initial Melting Point (Dry) °C	90-100
Heating Loss (65°C,3h) % ≤	0.5
Ash (800 ± 25°C) % ≤	0.3

Main properties:

Antioxidant DTPD(3100) is para phenylene diamine anti-aging agent, chloroprene adhesive antiozonate. It is high efficient anti-aging agent in tyre industry and can also be applied to various rubber products.

Ozone-proof, anti-flexibility and crazing resistant performance of anti-aging agent DTPD is similar to those of the 6PPD and IPPD and is much better than anti-aging agent.

Antioxidant DTPD is with good long-term performance especially when it is combined with anti-aging agent 6PPD or IPPD by ration of 1 : 1, which is the best ozone resistance system to improve lifespan of the tyre. It is because that the two types is with synergistic effect to phenylene diamine, the anti-aging agent 6PPD or IPPD offering necessary short-term safety activate in the early stage and anti-aging agent DTPD will effect protective function for long.

Since both sides of benzene ring of antioxidant DTPD molecular structure cause one or two solubilizing gene, its solubility greatly increases in rubber and cracking is low. Large dosage is allowable in glue stuff.

Package and Storage:

Antioxidant DTPD is packaged in composite paper sack lined with film by 25kgs. Stored in ventilates inside the good and shady and cool dry warehouse, and prevents the sun from shining upon rain and pouring, and should avoid mixing putting with foodstuff.

Address: No.6, Yinjiang Road, Licang District, Qingdao

<http://www.qdhh.com>